FEDERAL ITEM IDENTIFICATION GUIDE

ANALYZERS AND TESTERS, LABORATORY

This Reprint replaces FIIG T398, dated November 7, 2008.

Commander

Defense Logistics Information Service

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
ANALYTICAL KIT, ELECTROPLATING	18694	GB

A collection of various chemicals used for measurement and control of electroplating.

ANALYZER, ALCOHOL	38662	DA

A device used in evaluating the blood alcohol level of persons under the influence of intoxicating beverages.

ANALYZER, DEFIBRILLATOR AND MONITOR #	41304	EB

An instrument designed to measure and record the output power of a defibrillator cardioversion module, and generate waveforms for testing the electrocardiograph module. For items which do not monitor and do not generate waveforms, see ANALYZER, DEFIBRILLATOR ENERGY.

ANALYZER, DEFIBRILLATOR-ELECTROCARDIOGRAPH	45323	EB

An instrument designed to measure and/or record the output energy of a defibrillator and performance of the cardioversion module. May generate waveform patterns and have patient simulation capabilities. Excludes TESTER, ELECTROCARDIOGRAPH AND CARDIAC MONITOR.

ANALYZER, GAS	45916	DA

A device used to qualitatively and quantitatively analyze gases and gas mixtures.

ANALYZER, OXYGEN	27944	DA

An item used for the detection and measurement of the oxygen content in air or other gases.

ANALYZER, PARTICLE SIZE	19248	GA

A device designed to determine the size distribution of powdered materials below the 200 mesh sieve range. The method employed is an oscillating U-shaped tube and encased air jet to furnish the air required for separation. It is regulated in accordance with Stokes law of fall for microscopic size particles.

ANALYZER, SURFACE FINISH, CONTACT	40584	GA

An item used to determine the roughness of the surface of an item by indicating and/or recording the movement of a stylus as it is moved across the item. The analyzer may include a reference specimen used for calibration. See also GAGE, COMPARATOR, ELECTRONIC.

Approved Item Name	INC	App Key
CALIBRATOR, RADIAC	00392	FA

An item containing a standardized of assayed source of radioactive nuclide (material), with half-life indicated. The radiac equipment is calibrated by adjusting the instrument to give proper indication when the instrument is positioned in a previously determined standard reproducible manner with respect to the source and environment. Includes radioactive tracers. May include a holder and mounting facilities.

COMPACTION CYLINDER, SOIL	20970	CC

A metallic device for compacting soil and soil-cement specimens for test, such as moisture-density and durability tests. It consists of a cylindrical mold in which the specimens are compacted, a detachable collar or extension and a detachable base to which the mold and collar assembly is fastened. The mold bore may be either straight or tapered and the mold wall either solid (continuous) or split. The taper bore and the split wall facilitating the removal of the specimen internal dimensions are machined to close tolerances to insure volumetric accuracy.

COMPARATOR, VISCOSITY, OIL	07456	BE

An instrument that indicates by direct reading the viscosity of a sample of oil in Saybolt Seconds. The unit operates by a comparison factor with a sealed-in oil of known viscosity.

INDICATOR SET, HYDROGEN ION COMPARATOR	19306	AD

METER, DEFIBRILLATOR OUTPUT ENERGY	45241	EB

An instrument which measures, and may record, the discharged output of the defibrillator paddles. Excludes TESTER, ELECTROCARDIOGRAPH AND CARDIAC MONITOR.

OSMOSCOPE	18821	AB

A testing device for the detection and measurement of odor intensity by comparing the concentration of similar liquids.

PENETROMETER	18986	CC

An instrument for determining the penetrability or consistency of bituminous materials, petrolatum and grease.

RADIOACTIVE TEST SAMPLE	16407	FA

A radioactive material used for testing and/or calibrating radioactivity measuring and indicating devices, and/or activating ionsensitive components during test procedures.

Approved Item Name	INC	App Key
REAGENT SET, HYDROGEN ION COMPARATOR	20275	AE

A collection of reagents in the form of crystals, tablets, capsules, or similar forms, in special size bottles, intended to be dissolved and diluted to form various solutions to be used with a hydrogen ion concentration comparator.

SAMPLER, DUST AND FUME, ELECTROSTATIC	16971	CA
SAMPLER, DUST, HAND OPERATED	16970	CB
SAMPLER, GRAIN	15034	CD
SAMPLER, LIQUID	18960	CC

An item specifically designed for collecting liquid samples from the bottom or any intermediate level of a liquid body.

SEPARATOR, MINERAL	49911	GA

An electro-mechanical device designed to separate and collect minerals from sample mixtures in order to perform various tests. It may do so through centrifugal action, magnetic attraction, or a vacuum method.

TEST APPARATUS, BLOOD SEDIMENTATION RATE	33582	BF

An item used for testing the extent of settling of erythrocytes per unit time in a column of fresh citrated or otherwise treated blood.

TEST BATH, CLOUD AND POUR POINT	19062	BC

An apparatus designed for determining the cloud and pour point temperatures of petroleum oils.

TEST BATH, VISCOSIMETER, OIL	19134	BB

A heating device designed to accommodate viscosimeters used in tests to determine relative viscosities.

TEST CHEMICALS PACKET, WATER SULFITE CONTENT	22341	AF

A group of chemicals for use in the preparation of a test solution for the determination of sulfite content in water. See also TESTING KIT, WATER SALINITY.

TEST GLASS, SEDIMENTATION	16937	BF

Approved Item Name	INC	App Key
TESTER, ELECTROCARDIOGRAPH AND CARDIAC MONITOR	36779	BF

A portable, battery-powered, device which simulates both normal and abnormal heart rhythms and when connected to an electrocardiograph or cardiac monitor, determination can be made as to whether these equipment items are producing accurate readings when used on a patient. A normal rhythm and various common arrlythmias provide for testing the recognition capabilities and proper operation of rate alarms and detection protocol.

TESTER, FLASH POINT	19245	BD
TESTER, MILK SEDIMENT	16939	AA
TESTER, SAFETY, ELECTRICAL MEDICAL EQUIPMENT	41118	EB

A device capable of testing several parameters of the electrical equipment used in hospitals on or near patients.

TESTER, SOIL DENSITY, SAND METHOD	18895	AG

A device consisting of a wide mouth screw cap jar and a detachable appliance consisting of a valve having the small end of a standard pycnometer top brazed to one opening and the small end of a cone fixed in a like manner to the other opening. A stop is set at one end of the valve to control the opening and closing of the bore.

TESTER, SPRING, ELECTRONIC	39654	HA

A precision instrument for tension and compression testing of springs. Electronic signals proportional to the load force are interpreted by self-contained microprocessing system. Information on tested item is translated to a digital display for readouts about force, deflection, and/or spring rates.

TESTER, SPRING RESILIENCY	13502	HA

An apparatus, device, or instrument which is specifically designed for testing spring resiliency by subjection to the desired strain and indicating this force in units of weight. Indication may be by means of a dial, graduated scale, a pressure gage, a weighing scale, or by the graduated scale of a torque indicator wrench. The force may be applied mechanically, hydraulically, or manually. May have a fixed or adjustable platform load receiver. Excludes SCALE (as modified).

TESTING SET, MILK PASTEURIZATION	21032	AC
VISCOSIMETER, CUP TYPE	27024	BE

An instrument that indicates viscosity of liquids by measuring the time a specific quantity of the liquid takes to flow through an orifice in the bottom of a cup-shaped container. The time to flow through the orifice can be converted to any of the standard units of viscosity by use of appropriate tables and/or graphs.

Approved Item Name	INC	App Key
WATER BATH, NONELECTRIC	20328	BA

An item designed for use in the laboratory for making test(s), such as digestion, evaporation, sterilization and melting by means of heating specimens contained in beakers, flasks, test tubes and the like. May or may not include a means for heating. Excludes WATER BATH, ELECTRIC.

APPLICABILITY KEY INDEX

	AA	AB	AC	AD	AE	AF	AG
NAME	X	X	X	X	X	X	X
ANEH	X	X	X				
MATL		X					
SURF		AR					
BNGT		X					
BNGW		X					
ANSZ		AR					
AXEA		AR					
BNGX			X				
ALPC			X	X			
ATNX				X			
BNGY				X			
BNGZ				X			
ATNG				X			
BBHL				AR			
BNHB				AR			
BNHC					X		
AGXW					X		
AKKF					X		
BNHD					X		
BNHF					X		
BNHG					X		
BNHH						AR	
AAFZ							X
BNHJ							X
BNHK							X
FEAT	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR
FCLS	AR	AR	AR	AR	AR	AR	AR
FTLD	AR	AR	AR	AR	AR	AR	AR
TMDN	AR	AR	AR	AR	AR	AR	AR
RTSE	AR	AR	AR	AR	AR	AR	AR
RDAL	AR	AR	AR	AR	AR	AR	AR
NTRD	AR	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR

AGAV	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR

	BA	BB	BC	BD	BE	BF
NAME	X	X	X	X	X	X
ANNQ	X	X	X			X
ATYR						AR
ATYS						AR
BLYC						AR
BNLM	X					
BNLS	AR					
BNLT	AR					
BNLW	AR					
BNLX	X					
BNLY		AR				
BNLZ		AR	X			
BNMB		AR				
BNMC		X	X			
BNDH	X					
BNHL	X					
BNMD			X			
AEMW	AR					
AFER	AR					
BPSL	AR					
ABVL	AR					
BNDL	AR					
BNHM	AR					
BNHN	X					
BDWT	AR	AR		AR		
BNHP	AR	AR		AR		
AMRE	AR	AR		AR		
BDXJ	AR	AR		AR		
BHHK	AR	AR		AR		
BBTG	AR	AR		AR		
BBTB	AR	AR		AR		
BBJZ	AR	AR		AR		
BBTF	AR	AR		AR		
BBKC	AR	AR		AR		
BBKB	AR	AR		AR		
BNDM	X					
ANYW	AR					
BNDN	AR					
AMYG	X					
BDRF	AR					
BNHQ	AR					
AMYJ	X					
BNHR	AR					
BNHS	AR					
ABYH	AR					
AEJZ	AR					
BNHT	AR					
BNHW		X				
BNMF		X				
BNHX		X				
ABJH		AR				
BNHY		X				
BNHZ		AR				

BNJB		X				
AKYD		AR	AR	AR	AR	
BNJC			X			
BNJD			X			
BNJF				X		
APGF				X		
BHGW				X		
BGKT				X		
BNJG					X	
BNJH					X	
AFJU					X	
SHPE						X
AWEA						X
ANBJ						AR
ASKN						AR
AXQD						X
BNJJ						X
FEAT	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR
FCLS	AR	AR	AR	AR	AR	AR
FTLD	AR	AR	AR	AR	AR	AR
TMDN	AR	AR	AR	AR	AR	AR
RTSE	AR	AR	AR	AR	AR	AR
RDAL	AR	AR	AR	AR	AR	AR
NTRD	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR

	CA	CB	CC	CD
NAME	X	X	X	X
ACDC	X			
ELEC	X			
FREQ	AR			
ABJL	X			
BNJK	X			
AWGJ	AR			
BNJL	AR			
ABKV	AR			
BNJM	X	X		
BNJN	X			
BNJP	X			
BNLN	X	X		
BNLP	X	X		
BNJZ	X	X		
AKYD	X	X		
BNJQ		X		
BNJR		X		
BNJS		X		
AFPP		AR		
BLYR		AR		
BNJW		X		
BNJX		X		
BNLR		X		
BNJY		X		
APGF			X	X
AAPN				X
BBLT			AR	
ALSX			X	
BNLQ			X	
HGTH			AR	
ABHP			AR	X
BNKB			X	
AWAK			X	
BNKC			X	
FEAT	AR	AR	AR	AR
TEST	AR	AR	AR	AR
SPCL	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AFJK	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
FCLS	AR	AR	AR	AR
FTLD	AR	AR	AR	AR
TMDN	AR	AR	AR	AR
RTSE	AR	AR	AR	AR

20

RDAL	AR	AR	AR	AR
NTRD	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR
AGAV	AR	AR	AR	AR
HZRD	AR	AR	AR	AR

	DA
NAME	X
BNKD	X
AXQG	X
ACDC	X
ELEC	AR
FREQ	AR
FAAZ	AR
AEXS	AR
AEXR	AR
ANLJ	AR
AEXQ	AR
BNKF	X
AYCM	X
BNKH	X
BNKJ	AR
ABMK	X
ABFY	X
ABKW	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
HZRD	AR

	EB
NAME	X
BHMW	AR
AKWC	AR
ACYN	AR
ACZB	AR
FAAZ	AR
ACYR	AR
ALSF	AR
ABKW	X
ABMK	X
ABFY	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
HZRD	AR

	FA
NAME	X
BNKL	X
BNKM	X
AWDY	X
BNKN	AR
BNKP	AR
ATZX	AR
BNKQ	AR
BNKR	AR
AESF	AR
AETG	AR
AYPT	AR
ABHP	AR
ADAV	AR
ABMK	AR
ABKW	AR
ABFY	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
HZRD	AR

	GA	GB
NAME	X	X
BNKS	AR	AR
BNKT	AR	AR
AKYN	AR	
ACDC	X	
ELEC	X	
FREQ	AR	
FAAZ	AR	
BNKW		X
AAXX		X
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
AGAV	AR	AR
HZRD	AR	AR

	HA
NAME	X
AXGY	X
BNKX	X
APQB	X
BNKY	X
BNKZ	AR
APHE	X
ANCY	AR
ACDC	AR
ELEC	AR
FREQ	AR
FAAZ	AR
BDML	AR
ATHC	AR
ANSX	AR
BBHK	AR
BBHL	AR
BNLB	X
AMNK	AR
BNLC	AR
BNLD	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
HZRD	AR

Body

SECTION: A
APP

Key	MRC	Mode Code	Requirements

ALL

    NAME   D   ITEM NAME

    Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

    Reply Instructions: Enter the applicable Item Name Code from the index of Approved Item Names. (e.g., NAMED16939*)

AA, AB, AC

    ANEH   D   DESIGN DESIGNATION

    Definition: THE DESIGNATION DERIVED FROM THE NAME OF THE DESIGNER OR USE FOR WHICH THE ITEM IS INTENDED.

    Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANEHDBQA*)

REPLY CODE	REPLY (AJ50)
BPW	DANIS
BPX	FAIR-WELLS
BPY	GILCREAS
AFZ	KING
BPZ	SCHARER
BQA	WIZARD

AB

    MATL   D   MATERIAL

    Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

    Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDBR0000*; MATLDBR0000$$DCU0000*; MATLDBR0000$DCU0000*)

AB*

APP Key	MRC	Mode Code	Requirements

SURF D   SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SURFDCRA000*)

REPLY CODE	REPLY (AD09)
CRA000	CHROMIUM PLATED
LQC000	LACQUERED

AB

BNGT D   THRESHOLD ODOR INTENSITY DETERMINATION METHOD

Definition: THE MEANS USED TO DETERMINE THE THRESHOLD ODOR INTENSITY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNGTDEX*; BNGTDEX$DEY*)

REPLY CODE	REPLY (AF11)
EX	AIR DILUTION
EY	LIQUID DILUTION

AB

BNGW D   THRESHOLD DILUTION VALVE

Definition: AN INDICATION OF WHETHER OR NOT A THRESHOLD DILUTION VALVE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNGWDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRCS ANSZ AND AXEA: IF REPLY CODE B IS ENTERED FOR MRC BNGW, REPLY TO MRCS ANSZ AND AXEA.

AB* (See Note Above)

ANSZ   F   SCALE MEASUREMENT RANGE

Definition: THE MINIMUM AND MAXIMUM NUMERIC VALUES REPRESENTING THE MEASUREMENT COVERAGE OF A SCALE.

Reply Instructions: Enter the numeric values separated by a slash. Precede values with the letter P. (e.g., ANSZFP0.0/P6.0*)

AB* (See Note Preceding MRC ANSZ)

AXEA   B   SMALLEST INCREMENT INDICATED

Definition: THE SMALLEST NUMERIC FIGURE THE ITEM WILL REGISTER.

Reply Instructions: Enter the numeric value. (e.g., AXEAB0.01*)

AC

BNGX   D   REAGENT TABLETS

Definition: AN INDICATION OF WHETHER OR NOT REAGENT TABLETS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNGXDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AC, AD

ALPC   G   COMPONENT AND QUANTITY

Definition: THE NAME AND NUMBER OF COMPONENTS WHICH MAKE UP THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., ALPCGINDICATOR SOLUTION 1*)

Separate multiple replies with a semicolon. (e.g., ALPCG1 BOTTLE DROPPING 1/4 OZ; 1 BOTTLE 50 ML CALIBRATED*)

AD

ATNX   D   INDICATOR SOLUTION TYPE

Definition: INDICATES THE TYPE OF INDICATOR SOLUTION PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATNXDKA*)

REPLY CODE	REPLY (AB75)
KA	BROMOTHYMOL BLUE
KF	PHENOL RED D

AD

BNGY   B   SOLUTION CONCENTRATION PERCENT

Definition: THE PERCENT OF SOLUTION CONCENTRATION.

Reply Instructions: Enter the numeric value. (e.g., BNGYB0.4*)

AD

BNGZ   J   SOLUTION VOLUME

Definition: THE UNIT OF VOLUME FOR WHICH THE SOLUTION IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNGZJAM50.0*)

REPLY CODE	REPLY (AG67)
AC	CUBIC CENTIMETERS
AM	MILLILITERS

AD

ATNG   F   PH VALUE RANGE

30

APP Key	MRC	Mode Code	Requirements

Definition: THE MINIMUM AND MAXIMUM LIMITS OF PH VALUES.

Reply Instructions: Enter the color standard PH range. Precede values with the letter P. (e.g., ATNGFP6.0/P7.6*)

AD*

BBHL   G   SCALE SMALLEST INCREMENT GRADUATION

Definition: THE SMALLEST GRADUATION VALUE(S) BETWEEN THE MARKINGS ON A SCALE.

Reply Instructions: Enter the reply in clear text. (e.g., BBHLG0.2 PH*)

AD*

BNHB   J   COMPARISON TUBE CALIBRATION

Definition: THE CALIBRATION FOR WHICH THE COMPARISON TUBE(S) IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNHBJAC5.0*)

REPLY CODE	REPLY (AG67)
AC	CUBIC CENTIMETERS
AM	MILLILITERS

AE

BNHC   D   CHEMICAL TYPE

Definition: INDICATES THE TYPE OF CHEMICAL PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNHCDA1774*; BNHCDA1774$$DA7978*)

REPLY CODE	REPLY (AG54)
A1774	BROMOTHYMOL BLUE
B1399	ORTHOTOLIDINE
A7978	PHENOL RED
A9385	SODIUM ARSENITE

31

APP Key	MRC	Mode Code	Requirements

AE

AGXW D PHYSICAL FORM

Definition: THE RECOGNIZED SHAPE, CONFIGURATION, STRUCTURE, OR MOLD OF A SUBSTANCE, NATURAL OR REFINED, THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGXWDED*; AGXWDHR$$DBF*)

REPLY CODE	REPLY (AE98)
HR	CAPSULE
BF	CRYSTAL
ED	TABLET

AE

AKKF J QUANTITY WITHIN EACH UNIT PACKAGE

Definition: THE NUMBER OF THE VOLUME, FORM, OR THE DOSAGE WITHIN EACH UNIT PACKAGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AKKFJAB5.000*; AKKFJBA0.065$$JAB5.000*)

REPLY CODE	REPLY (AG67)
AB	CAPSULES
BA	GRAMS
AN	OUNCES
AX	TABLETS

AE

BNHD A BOTTLE QUANTITY

Definition: THE NUMBER OF BOTTLES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BNHDA6*; BNHDA6$$A1*)

AE

BNHF J CONCENTRATE SOLUTION YIELD

32

APP Key	MRC	Mode Code	Requirements

Definition: THE AMOUNT OF SOLUTION A SPECIFIED MEASURE OF CONCENTRATE WILL MAKE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNHFJAMAG50.0*)

Enter multiple replies in the same sequence as MRC BNHD. (e.g., BNHFJAMAG50.0$$JAMAG50.0*)

Table 1

REPLY CODE	REPLY (AG67)
AC	CUBIC CENTIMETERS
AM	MILLIMETERS

Table 2

REPLY CODE	REPLY (AE96)
AG	BOTTLE
GJ	CAPSULE
MP	TABLET

AE

BNHG   D   BOTTLE LABEL

Definition: AN INDICATION OF WHETHER OR NOT A BOTTLE LABEL IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNHGDB*)

Enter multiple replies in the same sequence as MRC BNHD. (e.g., BNHGDB$$DB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

AF*

BNHH   G   FURNISHED CHEMICAL

Definition: THE CHEMICAL(S) FURNISHED IN THE ITEM.

Reply Instructions: Enter the basic name. (e.g., BNHHGPOTASSIUM IODATE*)

33

APP Key	MRC	Mode Code	Requirements

Separate multiple replies with a semicolon. (e.g., BNHHGPOTASSIUM IODIDE; SODIUM BICARBONATE*)

AG

AAFZ   D   BODY MATERIAL

Definition: THE BASIC MATERIAL OF WHICH THE ITEM IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AAFZDBR0000*; AAFZDBR0000$$DST0000*; AAFZDALC000$DCU0000*)

AG

BNHJ   J   VALVE ORIFICE SIZE

Definition: DESIGNATES THE SIZE OF THE VALVE ORIFICE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNHJJA0.500*; BNHJJL12.7*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

AG

BNHK   J   SOIL DEPTH CAPACITY

Definition: THE CAPACITY OF THE SOIL DEPTH OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNHKJA6.000*; BNHKJL152.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

SECTION: B

APP

Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index of Approved Item Names. (e.g., NAMED20328*)

BA, BB, BC, BF

ANNQ   H   MATERIAL AND LOCATION

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT, AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Codes from Appendix A , Table 1, and the table below. (e.g., ANNQHST0000AAB*; ANNQHST0000AAB$$HCU0000AAB*; ANNQHST0000AAB$HCU0000AAB*)

When multiple or optional materials are specified for more than one location, use AND/OR Coding ($$/$). AND/OR Coding ($$/$) will be used to separate multiple locations and AND/OR Coding ($$/$) to separate materials. (e.g., ANNQHST0000BSQ$$HALC000BSQ; ANNQHST0000BSN$HALC000BSN*)*

REPLY CODE	REPLY (AJ91)
BSN	INSIDE RESERVOIR
BSP	OUTSIDE RESERVOIR
AAB	OVERALL
BSQ	RESERVOIR

BF*

ATYR   B   LINEAR EXPANSION COEFFICIENT PER DEG CELSIUS

35

APP Key	MRC	Mode Code	Requirements

Definition: THE CONSTANT THAT REPRESENTS THE CHANGE IN LINEAR EXPANSION CAUSED BY A CHANGE IN TEMPERATURE, PER DEGREE CELSIUS.

Reply Instructions: Enter the numeric value. (e.g., ATYRB0.0000033*)

BF*

ATYS   F   LINEAR EXPANSION COEFFICIENT TEMP RANGE IN DEG CELSIUS

Definition: THE MINIMUM AND MAXIMUM TEMPERATURES TO WHICH THE LINEAR EXPANSION COEFICIENT APPLIES, EXPRESSED IN DEGREES CELSIUS.

Reply Instructions: Enter the numeric values separated by a slash. Precede values with the letter P. (e.g., ATYSFP19.0/P350.0*)

BF*

BLYC   B   ACID LEACHED GLASS SILICA PERCENTAGE

Definition: THE SILICA CONTENT OF ACID LEACHED GLASS, EXPRESSED IN PERCENT.

Reply Instructions: Enter the numeric value. (e.g., BLYCB96.0*)

BA

BNLM   D   RESERVOIR SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE RESERVOIR.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNLMDAN*)

REPLY CODE	REPLY (AD07)
AN	CYLINDRICAL
RT	RECTANGULAR

BA*

BNLS   J   RESERVOIR LENGTH

APP
Key   MRC   Mode Code   Requirements

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A RESERVOIR, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNLSJAA24.000*; BNLSJLA25.0*; BNLSJAB20.000$$JAC26.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BA*

BNLT   J   RESERVOIR DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A RESERVOIR, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNLTJAA6.000*; BNLTJLA25.0*; BNLTJAB5.000$$JAC7.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BA*

APP Key	MRC	Mode Code	Requirements
	BNLW	J	RESERVOIR WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A RESERVOIR, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNLWJAA14.500*; BNLWJLA25.0*; BNLWJAB13.000$$JAC16.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BA

	BNLX	J	RESERVOIR DEPTH

Definition: A MEASUREMENT BETWEEN SPECIFIED POINTS ON THE RESERVOIR, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNLXJAA4.000*; BNLXJLA25.0*; BNLXJAB3.000$$JAC5.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BB*

APP Key	MRC	Mode Code	Requirements

BNLY   J   RESERVOIR INSIDE LENGTH

Definition: A MEASUREMENT OF THE LONGEST INSIDE DIMENSION OF THE RESERVOIR, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNLYJAA14.000*; BNLYJLA25.0*; BNLYJAB12.000$$JAC16.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BB*, BC

BNLZ   J   RESERVOIR INSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE RESERVOIR, AND TERMINATES AT THE INSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNLZJAA10.000*; BNLZJLA25.0*; BNLZJAB8.000$$JAC12.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

BB*

BNMB   J   RESERVOIR INSIDE WIDTH

Definition: AN INSIDE MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE RESERVOIR, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNMBJAA10.000*; BNMBJLA25.0*; BNMBJAB9.000$$JAC11.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BB, BC

BNMC   J   RESERVOIR INSIDE DEPTH

Definition: A MEASUREMENT BETWEEN SPECIFIED INSIDE POINTS ON THE RESERVOIR, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNMCJAA8.500*; BNMCJLA25.0*; BNMCJAB7.000$$JAC9.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

BA

BNDH   D   CONSTANT WATER LEVEL ATTACHMENT

Definition: AN INDICATION OF WHETHER OR NOT A CONSTANT WATER LEVEL ATTACHMENT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNDHDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BA

BNHL   D   STEAM ESCAPEMENT FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A STEAM ESCAPEMENT FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNHLDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BC

BNMD   D   RESERVOIR COVER

Definition: AN INDICATION OF WHETHER OR NOT A RESERVOIR COVER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNMDDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

APP Key	MRC	Mode Code	Requirements

BA*

AEMW　　　A　　　　COVER QUANTITY

Definition: THE NUMBER OF COVERS FURNISHED WITH THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AEMWA1*)

BA*

AFER　　　D　　　　COVER TYPE

Definition: INDICATES THE TYPE OF COVER AS DISTINGUISHED BY ITS PARTICULAR DESIGN.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFERDBM*)

REPLY CODE	REPLY (AD99)
BM	CONCENTRIC RING
BP	TEST TUBE SUPPORTING

NOTE FOR MRCS BPSL, ABVL, BNDL, AND BNHM: IF REPLY CODE BP IS ENTERED FOR MRC AFER, REPLY TO MRCS BPSL AND ABVL. IF REPLY CODE BM IS ENTERED FOR MRC AFER, REPLY TO MRCS BNDL AND BNHM.

BA* (See Note Above)

BPSL　　　A　　　　TEST TUBE QUANTITY ACCOMMODATED

Definition: THE NUMBER OF TEST TUBES THE ITEM IS DESIGNED TO ACCOMMODATE.

Reply Instructions: Enter the quantity. (e.g., BPSLA18*)

BA* (See Note Preceding MRC BPSL)

ABVL　　　J　　　　APERTURE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF AN APERTURE, AND TERMINATES AT THE CIRCUMFERENCE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABVLJAA22.000*; ABVLJLA25.0*; ABVLJAB9.000$$JAC11.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BA* (See Note Preceding MRC BPSL)

BNDL   A   NEST RING QUANTITY

Definition: THE NUMBER OF RINGS IN THE NEST.

Reply Instructions: Enter the quantity. (e.g., BNDLA5*; BNDLA4$$A5*)

BA* (See Note Preceding MRC BPSL)

BNHM   J   LARGEST RING DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE LARGEST RING, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNHMJAA6.000*; BNHMJLA25.0*; BNHMJAB5.000$$JAC7.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP
Key MRC   Mode Code Requirements

BA

  BNHN   D   INTEGRAL HEAT SOURCE

  Definition: AN INDICATION OF WHETHER OR NOT AN INTEGRAL HEAT
  SOURCE IS INCLUDED.

  Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
  BNHNDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BA*, BB*, BD*

  BDWT   D   HEATING METHOD

  Definition: THE MEANS BY WHICH THE ITEM IS HEATED.

  Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
  BDWTDAG*)

REPLY CODE	REPLY (AM63)
AY	ALCOHOL
AB	ELECTRICAL
AG	GAS
AR	STEAM

NOTE FOR MRCS BNHP, AMRE, BDXJ, BHHK, BBTG, BBTB, BBJZ, BBTF, BBKC,
AND BBKB: FOR APPLICABILITY KEY BA, IF REPLY CODE AG IS ENTERED FOR
MRC BDWT, REPLY TO MRC BNHP.

IF REPLY CODE AR IS ENTERED FOR MRC BDWT, REPLY TO MRC AMRE. FOR
APPLICABILITY KEYS BB AND BD, IF REPLY CODE AB IS ENTERED FOR MRC
BDWT, REPLY TO MRCS BDXJ, BHHK, BBTG, BBTB, BBJZ, BBTF, BBKC, AND
BBKB, AS APPLICABLE.

BA*, BB*, BD* (See Note Above)

APP
Key   MRC   Mode Code   Requirements

BNHP   D   BURNER

Definition: AN INDICATION OF WHETHER OR NOT A BURNER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNHPDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BA*, BB*, BD* (See Note Preceding MRC BNHP)

AMRE   J   HEATING COIL MAXIMUM OPERATING PRESSURE

Definition: THE MAXIMUM PRESSURE AT WHICH THE HEATING COIL IS DESIGNED TO OPERATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AMREJV250.0*)

REPLY CODE	REPLY (AB18)
V	POUNDS PER SQUARE INCH
H	POUNDS PER SQUARE INCH ABSOLUTE

BA*, BB*, BD* (See Note Preceding MRC BNHP)

BDXJ   D   HEATING ELEMENT TYPE

Definition: INDICATES THE TYPE OF HEATING ELEMENT PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDXJDABN*)

REPLY CODE	REPLY (AN01)
AAD	ELECTRIC
ABN	LAGLESS

BA*, BB*, BD* (See Note Preceding MRC BNHP)

FIIG T
Section Parts

APP
Key   MRC   Mode Code   Requirements

BHHK   A   ELEMENT QUANTITY

Definition: THE NUMBER OF ELEMENTS IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., BHHKA3*)

BA*, BB*, BD* (See Note Preceding MRC BNHP)

BBTG   B   HEATING ELEMENT WATTAGE IN WATTS

Definition: THE RATED POWER THE HEATING ELEMENT CAN SAFELY
CONSUME OR PROVIDE, MEASURED IN WATTS.

Reply Instructions: Enter the numeric value. (e.g., BBTGB1000.0*)

BA*, BB*, BD* (See Note Preceding MRC BNHP)

BBTB   B   HEATING ELEMENT CURRENT RATING IN
                          AMPS

Definition: THE TOTAL ELECTRICAL CURRENT OF THE HEATING ELEMENT,
EXPRESSED IN AMPERES.

Reply Instructions: Enter the numeric value. (e.g., BBTBB15.0*)

BA*, BB*, BD* (See Note Preceding MRC BNHP)

BBJZ   D   HEATING ELEMENT CURRENT TYPE

Definition: INDICATES THE TYPE OF HEATING ELEMENT CURRENT
WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
BBJZDB*; BBJZDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

BA*, BB*, BD* (See Note Preceding MRC BNHP)

BBTF   B   HEATING ELEMENT VOLTAGE IN VOLTS

Definition: THE TOTAL VALUE OF ELECTRICAL POTENTIAL FOR WHICH
THE HEATING ELEMENT IS RATED, EXPRESSED IN VOLTS.

APP
Key   MRC   Mode Code   Requirements

Reply Instructions: Enter the numeric value. (e.g., BBTFB110.0*)

Enter multiple voltages for the same type current in ascending sequence, using AND coding ($$). If multiple voltages represent AC and DC current, use OR coding ($), entering AC voltage(s) first. (e.g., BBTFB110.0$$B120.0$B12.0*)

BA*, BB*, BD* (See Note Preceding MRC BNHP)

BBKC   B   HEATING ELEMENT FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF ALTERNATING CURRENT FOR WHICH THE HEATING ELEMENT IS DESIGNED.

Reply Instructions: Enter the numeric value. (e.g., BBKCB60.0*; BBKCB50.0$B60.0*)

BA*, BB*, BD* (See Note Preceding MRC BNHP)

BBKB   D   HEATING ELEMENT PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES FOR WHICH THE HEATING ELEMENT IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBKBDA*)

REPLY CODE	REPLY (AD02)
A	SINGLE
E	SINGLE/THREE
C	THREE
B	TWO

BA

BNDM   D   TEST TUBE RACK

Definition: AN INDICATION OF WHETHER OR NOT A TEST TUBE RACK IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNDMDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED

47

APP Key	MRC	Mode Code	Requirements
		C	NOT INCLUDED

NOTE FOR MRCS ANYW AND BNDN: IF REPLY CODE B IS ENTERED FOR MRC BNDM, REPLY TO MRCS ANYW AND BNDN FOR EACH DIFFERENT RECEPTACLE.

BA* (See Note Above)

ANYW A   RECEPTACLE QUANTITY

Definition: THE NUMBER OF RECEPTACLES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ANYWA12*; ANYWA8$$A12*)

BA* (See Note Preceding MRC ANYW)

BNDN J   RECEPTACLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE RECEPTACLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNDNJA0.625*; BNDNJL15.8*; BNDNJA0.625$$JA0.650*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

BA

AMYG D   MOUNT

Definition: AN INDICATION OF WHETHER OR NOT A MOUNT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMYGDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP
Key   MRC   Mode Code   Requirements

NOTE FOR MRCS BDRF AND BNHQ: IF REPLY CODE B IS ENTERED FOR MRC AMYG, REPLY TO MRCS BDRF AND BNHQ.

BA* (See Note Above)

      BDRF   A   LEG QUANTITY

      Definition: THE NUMBER OF LEGS PROVIDED.

      Reply Instructions: Enter the quantity. (e.g., BDRFA4*)

BA* (See Note Preceding MRC BDRF)

      BNHQ   J   LEG HEIGHT

      Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE LEG, IN DISTINCTION FROM DEPTH.

      Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNHQJAA9.000*; BNHQJLA25.0*; BNHQJAB7.000$$JAC11.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BA

      AMYJ   D   TRIPOD

      Definition: AN INDICATION OF WHETHER OR NOT A TRIPOD IS INCLUDED.

      Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMYJDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP
Key   MRC   Mode Code   Requirements

NOTE FOR MRCS BNHR AND BNHS: IF REPLY CODE B IS ENTERED FOR MRC AMYJ, REPLY TO MRCS BNHR AND BNHS.

BA* (See Note Above)

BNHR   D   TRIPOD MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE TRIPOD IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BNHRDFEA000*; BNHRDFEA000$$DST0000*; BNHRDFEA000$DST0000*)

BA* (See Note Preceding MRC BNHR)

BNHS   D   FLAME SHIELD

Definition: AN INDICATION OF WHETHER OR NOT A FLAME SHIELD IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNHSDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS ABYH, AEJZ, AND BNHT: IF REPLY CODE B IS ENTERED FOR MRC BNHS, REPLY TO MRCS ABYH, AEJZ, AND BNHT.

BA* (See Note Above)

ABYH   D   SHIELD MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SHIELD IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ABYHDCUAAC0*; ABYHDBR0000$DGS0000*)

BA* (See Note Preceding MRC ABYH)

APP Key	MRC	Mode Code	Requirements
	AEJZ	J	DEPTH

Definition: A LINEAR MEASUREMENT FROM THE SURFACE TO A SPECIFIED INNER POINT ON AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEJZJAA2.500*; AEJZJLA25.0*; AEJZJAB2.000$$JAC3.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BA* (See Note Preceding MRC ABYH)

BNHT	D	SHIELD DETACHABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE SHIELD IS DETACHABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNHTDAC*)

REPLY CODE	REPLY (AH97)
AC	DETACHABLE
AD	NOT DETACHABLE

BB

BNHW	A	PIPETTE QUANTITY FOR WHICH DESIGNED

Definition: THE NUMBER OF PIPETTE(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the quantity. (e.g., BNHWA3*)

APP Key	MRC	Mode Code	Requirements

BB

BNMF   D   ACCOMMODATED PIPETTE DESIGN

Definition: THE DESIGN OF THE PIPETTE(S) ACCOMMODATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNMFDBQB*; BNMFDBQB$DBQC*)

REPLY CODE	REPLY (AJ50)
BQB	OSTWALD
BQC	UBBELOHDE

BB

BNHX   D   OPERATING TEMP INDICATING LIQUID

Definition: THE LIQUID USED TO INDICATE THE OPERATING TEMPERATURE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNHXDPH*; BNHXDAC$$DPH*; BNHXDAC$DPH*)

REPLY CODE	REPLY (AB75)
AC	ALCOHOL
ACP	GLYCERIN
ACM	KEROSENE
ACN	WATER
PH	WHITE OIL

BB*

ABJH   J   TEMP RATING

Definition: A VALUE WHICH EXPRESSES THE DEGREE OF HEAT OR COLD AS APPLIED TO THE OPERATION, OR LIMITATION OF OPERATION, OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. Precede negative values with the letter M. (e.g., ABJHJCM50.0*; ABJHJF300.0*)

APP
Key   MRC   Mode Code   Requirements

For multiple ratings, enter the lower value first. (e.g., ABJHJF70.0$$JF100.0*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

BB

    BNHY   D   CONSTANT TEMP CONTROL

Definition: AN INDICATION OF WHETHER OR NOT A CONSTANT TEMPERATURE CONTROL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNHYDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BNHZ: IF REPLY CODE B IS ENTERED FOR MRC BNHY, REPLY TO MRC BNHZ.

BB* (See Note Above)

    BNHZ   J   ACCURACY RATING

Definition: AN INDICATION OF THE ACCURACY OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. Precede negative values with the letter M. (e.g., BNHZJAAD0.04*; BNHZJAAEM0.04*)

For multiple ratings, enter the lower value first. (e.g., BNHZJAAEM0.04$$JAAE0.04*)

REPLY CODE	REPLY (AJ40)
AAD	DEG CELSIUS
AAE	DEG FAHRENHEIT

BB

APP Key	MRC	Mode Code	Requirements
	BNJB	D	LIQUID CIRCULATOR

Definition: AN INDICATION OF WHETHER OR NOT A LIQUID CIRCULATOR IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNJBDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BB*, BC*, BD*, BE*

AKYD   G   ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGBURNER ALCOHOL 1*)

Separate multiple replies with a semicolon.

(e.g., AKYDGBURNER ALCOHOL 1; CUP PLATFORM 1; DISK HEAT-ROC 1*)

BC

BNJC   A   TEST JAR QUANTITY ACCOMMODATED

Definition: THE NUMBER OF TEST JAR(S) THE ITEM IS DESIGNED TO ACCOMMODATE.

Reply Instructions: Enter the quantity. (e.g., BNJCA4*)

BC

BNJD   D   INSULATION LOCATION

Definition: INDICATES THE LOCATION OF AN ITEM THAT IS INSULATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNJDDAAB*; BNJDDABA$$DBKF*)

APP Key	MRC	Mode Code	Requirements

		REPLY CODE	REPLY (AJ91)
		ABA	BOTTOM
		AAB	OVERALL
		BKF	WALL

BD

BNJF   A   TEST UNIT QUANTITY

Definition: THE NUMBER OF TEST UNITS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BNJFA1*)

BD

APGF   D   DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDAJN*)

		REPLY CODE	REPLY (AK54)
		AJN	CLOSED
		AJP	OPEN

BD

BHGW   A   THERMOMETER QUANTITY

Definition: THE NUMBER OF THERMOMETERS ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., BHGWA1*; BHGWA1$$A1*)

BD

BGKT   J   THERMOMETER RANGE

Definition: THE MINIMUM TO MAXIMUM VALUES WHICH THE THERMOMETER IS CAPABLE OF INDICATING.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede negative values with an M and positive values with a P. (e.g., BGKTJAAEM4.0/P122.0*)

55

APP Key	MRC	Mode Code	Requirements

Separate multiple replies in the same sequence as MRC BHGW. (e.g., BGKTJAAEP20.0/P230.0$$JAAEP200.0/P700.0*)

	REPLY CODE	REPLY (AJ40)
	AAD	DEG CELSIUS
	AAE	DEG FAHRENHEIT

BE

BNJG   J   CALIBRATED TEMP RATING

Definition: THE RATED DEGREE OF TEMPERATURE AT WHICH CALIBRATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNJGJAAE100.0*; BNJGJAAD38.0*)

For multiple replies, enter the lower value first. (e.g., BNJGJAAE70.0$$JAAE212.0*)

	REPLY CODE	REPLY (AJ40)
	AAD	DEG CELSIUS
	AAE	DEG FAHRENHEIT

BE

BNJH   F   SAYBOLT SECONDS RANGE

Definition: THE MINIMUM AND MAXIMUM LIMITS, EXPRESSED IN SAYBOLT SECONDS, AT WHICH THE VISCOSITY OF FLUID(S) IS MEASURED.

Reply Instructions: Enter the numeric value separated by a slash. Precede positive values with a P. (e.g., BNJHFP200.0/P2000.0*)

BE

AFJU   D   CARRYING CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDITION IS PROVIDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

BF

SHPE   D   SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDCN*)

REPLY CODE	REPLY (AD07)
CN	CONICAL
AN	CYLINDRICAL
RT	RECTANGULAR

BF

AWEA   D   GRADUATIONS

Definition: AN INDICATION OF WHETHER OR NOT GRADUATIONS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWEADB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS ANBJ AND ASKN: IF REPLY CODE B IS ENTERED FOR MRC AWEA, REPLY TO MRCS ANBJ AND ASKN.

BF* (See Note Above)

ANBJ   J   GRADUATION UNIT

57

APP
Key   MRC   Mode Code   Requirements

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE
MARKING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by
the numeric value. (e.g., ANBJJBBG5.0*)

REPLY CODE	REPLY (AJ40)
BBG	CUBIC CENTIMETERS
BBH	MILLILITERS

BF* (See Note Preceding MRC ANBJ)

ASKN   G   INDIVIDUAL MARKING

Definition: AN INDICATION OF THE INDIVIDUAL MARKING ON THE ITEM.

Reply Instructions: Enter the numbered graduations in clear text. (e.g., ASKNG50*)

Separate multiple replies with a semicolon. (e.g., ASKNG50; 75; 100; 125*)

BF

AXQD   J   CAPACITY

Definition: A MEASUREMENT OF THE CAPACITY OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by
the numeric value. (e.g., AXQDJAC125.0*)

REPLY CODE	REPLY (AG67)
AC	CUBIC CENTIMETERS
AM	MILLILITERS

BF

BNJJ   D   SANDBLASTED SPACE FOR MARKING

Definition: AN INDICATION OF WHETHER OR NOT A SANDBLASTED SPACE
FOR MARKING IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
BNJJDB*)

APP
Key   MRC   Mode Code   Requirements

		REPLY CODE	REPLY (AA49)
		B	INCLUDED
		C	NOT INCLUDED

SECTION: C

APP
Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM
OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index of Approved
Item Names. (e.g., NAMED16971*)

CA

ACDC   D   CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING,
DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
ACDCDB*; ACDCDB$$DC*; ACDCDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

CA

ELEC   B   VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB12.0*)

Enter multiple voltages for the same type current in ascending sequence using AND
coding ($$). If multiple voltages represent AC and DC, use OR coding ($), entering
AC voltage(s) first. (e.g., ELECB110.0$$B120.0$B12.0*)

CA*

FREQ   B   FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING
CURRENT.

60

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the numeric value. (e.g., FREQB50.0*)

Enter optional replies in the same sequence as MRC ELEC using AND/OR coding ($$/$) (e.g., FREQB50.0; FREQB60.0*)*

CA

	ABJL	B	WATTAGE RATING IN WATTS

Definition: THE RATED POWER THAT AN ITEM CAN SAFELY CONSUME OR PROVIDE, MEASURED IN WATTS.

Reply Instructions: Enter the numeric value. (e.g., ABJLB1000.0*)

CA

	BNJK	A	SAMPLING TUBE QUANTITY

Definition: THE NUMBER OF SAMPLING TUBE(S) PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BNJKA4*)

NOTE FOR MRCS AWGJ, BNJL, AND ABKV: REPLY TO THESE MRCS IF A REPLY IS ENTERED FOR MRC BNJK.

CA* (See Note Above)

	AWGJ	D	TUBE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE TUBE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Codes from Appendix A , Table 1. (e.g., AWGJDALC000*; AWGJDALC000$DST0000*)

CA* (See Note Preceding MRC AWGJ)

	BNJL	J	TUBE OVERALL LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE TUBE, IN DISTINCTION FROM WIDTH.

61

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNJLJAA7.500*; BNJLJLA25.0*; BNJLJAB6.000$$JAC8.000*)

> Table 1
>
> | REPLY CODE | REPLY (AA05) |
> |------------|--------------|
> | A | INCHES |
> | L | MILLIMETERS |
>
> Table 2
>
> | REPLY CODE | REPLY (AC20) |
> |------------|--------------|
> | A | NOMINAL |
> | B | MINIMUM |
> | C | MAXIMUM |

CA* (See Note Preceding MRC AWGJ)

ABKV   J   OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKVJAA1.500*; ABKVJLA25.0*; ABKVJAB1.000$$JAC2.000*)

> Table 1
>
> | REPLY CODE | REPLY (AA05) |
> |------------|--------------|
> | A | INCHES |
> | L | MILLIMETERS |
>
> Table 2
>
> | REPLY CODE | REPLY (AC20) |
> |------------|--------------|
> | A | NOMINAL |
> | B | MINIMUM |
> | C | MAXIMUM |

CA, CB

BNJM   J   SAMPLE FLOW RATE

Definition: THE RATED SAMPLE FLOW OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNJMJEK3.0*; BNJMJHD0.9*)

REPLY CODE	REPLY (AG67)
EK	CUBIC FEET PER MINUTE
HD	CUBIC METERS PER MINUTE

CA

BNJN   D   SAMPLING TUBE TELESCOPIC STAND

Definition: AN INDICATION OF WHETHER OR NOT A TELESCOPIC STAND FOR THE SAMPLING TUBE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNJNDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CA

BNJP   A   ELECTRODE QUANTITY

Definition: THE NUMBER OF ELECTRODES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BNJPA1*)

CA, CB

BNLN   J   CASE OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE CASE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNLNJAA12.750*; BNLNJLA25.0*; BNLNJAB9.000$$JAC13.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CA, CB

BNLP   J   CASE OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A CASE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNLPJAA7.750*; BNLPJLA25.0*; BNLPJAB6.000$$JAC9.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CA, CB

BNJZ   J   CASE OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF THE CASE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNJZJAA18.500*; BNJZJLA25.0*; BNJZJAB8.000$$JAC10.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CA, CB

AKYD   G   ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGINSTRUCTION BOOKLET 2*)

Separate multiple replies with a semicolon. (e.g., AKYDGINSTRUCTION BOOKLET 2; TECHNICAL MANUAL 2*)

CB

BNJQ   D   FALLING DUST GUARD

Definition: AN INDICATION OF WHETHER OR NOT A FALLING DUST GUARD IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNJQDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CB

BNJR   D   FLASK HOLSTER

Definition: AN INDICATION OF WHETHER OR NOT A FLASK HOLSTER IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNJRDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CB

BNJS   A   FLASK QUANTITY

Definition: THE NUMBER OF FLASK(S) PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BNJSA9*)

CB*

AFPP   D   CLOSURE METHOD

Definition: THE MEANS PROVIDED TO CLOSE THE OPENING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFPPDCE*)

REPLY CODE	REPLY (AE35)
CE	RUBBER STOPPER
CF	STANDARD TAPER

NOTE FOR MRC BLYR: IF REPLY CODE CE IS ENTERED FOR MRC AFPP, REPLY TO MRC BLYR.

CB* (See Note Above)

BLYR   D   STOPPER

Definition: AN INDICATION OF WHETHER OR NOT A STOPPER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLYRDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED

APP Key	MRC	Mode Code	Requirements
		C	NOT INCLUDED

CB

BNJW   D   NOZZLE STOPPER

Definition: AN INDICATION OF WHETHER OR NOT A NOZZLE STOPPER(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNJWDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CB

BNJX   D   SIDE ARM STOPPER

Definition: AN INDICATION OF WHETHER OR NOT A SIDE ARM STOPPER(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNJXDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CB

BNLR   J   FLASK CAPACITY

Definition: THE CAPACITY OF A FLASK.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNLRJAC10.0*; BNLRJAT1.0*)

REPLY CODE	REPLY (AG67)
AC	CUBIC CENTIMETERS
AM	MILLILITERS

APP Key	MRC	Mode Code	Requirements
	AN		OUNCES
	AR		PINTS
	AT		QUARTS

CB

BNJY   D   CASE SHOULDER STRAP

Definition: AN INDICATION OF WHETHER OR NOT A CASE SHOULDER STRAP IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNJYDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CC, CD

APGF   D   DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDCAB*; APGFDCAA$DCAB*)

REPLY CODE	REPLY (AK54)
BSY	BAG
CAA	CAR
BEX	CYLINDRICAL
BBF	PLUG
CAB	VALVE

CD

AAPN   A   SECTION QUANTITY

Definition: THE NUMBER OF INDIVIDUAL ELEMENTS.

Reply Instructions: Enter the quantity. (e.g., AAPNA2*)

APP Key	MRC	Mode Code	Requirements

CC*

BBLT　　　　　J　　　　　　　CAPACITY RATING

Definition: A MEASUREMENT OF THE CAPACITY OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BBLTJANA16.0*; BBLTJACA1.0*; BBLTJANB14.0$$JACC15.0*)

Table 1

REPLY CODE	REPLY (AG67)
AC	CUBIC CENTIMETERS
CY	CUBIC FEET
AM	MILLILITERS
AN	OUNCES
AR	PINTS
AT	QUARTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CC

ALSX　　　　　D　　　　　　　CYLINDER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CYLINDER IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ALSXDBR0000*; ALSXDCU0000$$DGS0000*; ALSXDCU0000$DGX0000*)

CC

BNLQ　　　　　J　　　　　　　CYLINDER OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE CYLINDER, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BNLQJAA1.750*; BNLQJLA25.0*; BNLQJAB1.000$$JAC2.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CC*

HGTH	J	HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA7.250*; HGTHJLA25.0*; HGTHJAB6.000$$JAC8.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CC*, CD

ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA25.0*; ABHPJAB7.000$$JAC9.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CC

BNKB   D   EXTENSION TUBE

Definition: AN INDICATION OF WHETHER OR NOT AN EXTENSION TUBE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKBDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CC

AWAK   D   THERMOMETER

Definition: AN INDICATION OF WHETHER OR NOT A THERMOMETER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWAKDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

CC

BNKC   D   GAGE

Definition: AN INDICATION OF WHETHER OR NOT A GAGE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKCDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

SECTION: D

APP

Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index of Approved Item Names. (e.g., NAMED27944*)

ALL

BNKD   F   DETECTION RANGE IN PERCENT

Definition: THE MINIMUM AND MAXIMUM VALUES REPRESENTING THE DETECTION RATE OF THE ITEM, EXPRESSED IN PERCENT.

Reply Instructions: Enter the numeric values separated by a slash. Precede all values with a P. (e.g., BNKDFP0.0/P100.0*; BNKDFP0.0/P1.0$$FP0.0/P25.0*)

ALL

AXQG   D   CARRYING HANDLE

Definition: AN INDICATION OF WHETHER OR NOT A CARRYING HANDLE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXQGDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

ACDC   D   CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB$$DC*; ACDCDB$DC*)

73

APP Key	MRC	Mode Code	Requirements

REPLY CODE   REPLY (AB62)
B   AC
C   DC

ALL*

ELEC   B   VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB12.0*)

Enter multiple voltages for the same type of current in ascending sequence using AND coding ($$). If multiple voltages represent AC and DC, use OR coding ($) entering AC voltage(s) first. (e.g., ELECB105.0$$B125.0$B4.5*)

ALL*

FREQ   B   FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB50.0*; FREQB50.0$B60.0*)

ALL*

FAAZ   D   PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC*)

REPLY CODE   REPLY (AD02)
A   SINGLE
E   SINGLE/THREE
C   THREE
B   TWO

ALL*

AEXS   D   BATTERY TYPE

74

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF BATTERY(IES) USED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEXSDB*)

REPLY CODE	REPLY (AD57)
B	DRY
C	WET

ALL*

AEXR   A   BATTERY QUANTITY

Definition: THE NUMBER OF BATTERIES REQUIRED FOR OPERATION.

Reply Instructions: Enter the quantity. (e.g., AEXRA1*; AEXRA1$$A2*)

ALL*

ANLJ   B   BATTERY VOLTAGE RATING IN VOLTS

Definition: THE ELECTRIC POTENTIAL THAT A BATTERY CAN PROVIDE, EXPRESSED IN VOLTS.

Reply Instructions: Enter the numeric value. (e.g., ANLJB3.0*)

Enter multiple replies in the same sequence as MRC AEXR. (e.g., ANLJB3.0$$B1.5*)

ALL*

AEXQ   D   BATTERY

Definition: AN INDICATION OF WHETHER OR NOT A BATTERY(IES) IS INCLUDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEXQDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

APP Key	MRC	Mode Code	Requirements
	BNKF	D	ANALYSIS CELL TYPE

Definition: INDICATES THE TYPE OF ANALYSIS CELL PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKFDASG*)

REPLY CODE	REPLY (AK54)
CAC	RAPID RESPONSE
CAD	SMALL VOLUME
ASG	STANDARD

ALL

AYCM   D   CORROSION RESISTANT FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A CORROSION RESISTANT FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AYCMDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

BNKH   D   SAMPLE TYPE

Definition: INDICATES THE TYPE OF SAMPLE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKHDAL*; BNKHDAT$DAL*)

REPLY CODE	REPLY (AH00)
AT	FLOWING
AL	STATIC

ALL*

APP Key	MRC	Mode Code	Requirements
	BNKJ	J	RESPONSE TIME

Definition: THE TIME REQUIRED FOR AN ITEM TO RESPOND TO A SPECIFIC CONDITION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNKJJAC10.0*; BNKJJAB1.0$$JAC10.0*)

REPLY CODE	REPLY (AH68)
AB	MINUTES
AC	SECONDS

ALL

ABMK   J   OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA63.5*; ABMKJAB2.000$$JAC3.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABFY   J   OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA60.9*; ABFYJAB2.000$$JAC3.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABKW   J   OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA63.5*; ABKWJAB2.000$$JAC3.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: E
APP

Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index of Approved Item Names. (e.g., NAMED23212*)

ALL*

BHMW   J   MEASUREMENT RANGE

Definition: THE MINIMUM TO MAXIMUM VALUE WHICH THE ITEM IS CAPABLE OF MEASURING.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede all values with a P. (e.g., BHMWJLJP0.0/P15.0*)

REPLY CODE	REPLY (AJ20)
LJ	JOULES
AM	MICROAMPS

NOTE FOR MRCS AKWC, ACYN, ACZB, FAAZ, ACYR, AND ALSF: IF THE SOLE POWER SOURCE IS SELF-CONTAINED OR WHEN A SINGLE EXTERNAL POWER SOURCE IS CITED, REPLY TO MRC AKWC. FOR MORE THAN ONE EXTERNAL POWER SOURCE, USE AND ($$) CODING. (e.g., BHMWJLJP0.0/P15.0$$JLJP1.0/P17.0)*

ALL* (See Note Above)

AKWC   D   ELECTRICAL POWER SOURCE
                         RELATIONSHIP

Definition: THE RELATIONSHIP OF THE ELECTRICAL POWER SOURCE TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKWCDAB; AKWCDAB$$DAD*)*

APP Key	MRC	Mode Code	Requirements

A self-contained power source shall be interpreted as being a power source, such as a gasoline or diesel engine generator, or vehicular electrical system which the vehicle utilized as the power source is included in the item.

When the item includes a self-contained power source and the item is also designed for operation from an external power source, the external power source is considered alternate operating. Under this condition, reply only alternate operating.

When the item is powered by external power source(s) only, it is considered operating. When the item is powered solely by internal batteries, these batteries do not constitute a self-contained power source but are considered operating.

REPLY CODE	REPLY (AH00)
AB	ALTERNATE OPERATING
AC	OPERATING
AD	SELF-CONTAINED

ALL* (See Note Preceding MRC AKWC)

ACYN   J   AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Use AND coding ($$). (e.g., ACYNJVA110.0; ACYNAJVB100.0$$JBC220.0* ACYNAJVB220.0$$JVC360.0*)*

Table 1
REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

80

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

ALL* (See Note Preceding MRC AKWC)

ACZB   J   FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Use AND coding ($$). (e.g., ACZBJEA60.0; ACZBAJEB50.0$$JEC60.0* ACZBAJEB70.0$$JEC80.0*)*

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC AKWC)

FAAZ   D   PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB*;

FAAZ2AADA$$DB*

FAAZ2BADB$DC*)

REPLY CODE	REPLY (AD02)

APP Key	MRC	Mode Code	Requirements
		A	SINGLE
		E	SINGLE/THREE
		C	THREE
		B	TWO

ALL* (See Note Preceding MRC AKWC)

ACYR   J   DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Use AND coding ($$). (e.g., ACYRJVA110.0; ACYRAJVB6.0$$JVC6.3*; ACYRAJBV24.0$$JVC36.0*)*

Table 1
REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC AKWC)

ALSF   D   INTERNAL BATTERY ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSFDB)*

APP Key	MRC	Mode Code	Requirements

REPLY CODE   REPLY (AA49)
B   INCLUDED
C   NOT INCLUDED

ALL

ABKW   J   OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA63.5*; ABKWJAB2.000$$JAC3.000*)

Table 1
REPLY CODE   REPLY (AA05)
A   INCHES
L   MILLIMETERS

Table 2
REPLY CODE   REPLY (AC20)
A   NOMINAL
B   MINIMUM
C   MAXIMUM

ALL

ABMK   J   OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA63.5*; ABMKJAB2.000$$JAC3.000*)

Table 1
REPLY CODE   REPLY (AA05)
A   INCHES

83

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABFY	J	OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA60.9*; ABFYJAB2.000$$JAC3.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: F

APP Key	MRC	Mode Code	Requirements

ALL

NAME   D   ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index of Approved Item Names. (e.g., NAMED16407*)

ALL

BNKL   D   RADIATION REFERENCE

Definition: AN INDICATION OF THE RADIATION REFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKLDASG*)

REPLY CODE	REPLY (AK54)
CAE	NONSTANDARD
ASG	STANDARD

ALL

BNKM   D   RADIATION TYPE EMITTED

Definition: INDICATES THE TYPE OF RADIATION EMITTED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKMDAB*; BNKMDAC$$DAD*)

REPLY CODE	REPLY (AJ18)
AB	ALPHA RAYS
AC	BETA RAYS
AD	GAMMA RAYS
AF	X-RAYS

ALL

AWDY   D   CALIBRATED FEATURE

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A CALIBRATED FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWDYDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS BNKN, BNKP, ATZX, BNKQ, AND BNKR: IF REPLY CODE B IS ENTERED FOR MRC AWDY, REPLY TO THESE MRCS.

ALL* (See Note Above)

BNKN   D   RADIOACTIVE MATERIAL

Definition: INDICATES THE TYPE OF RADIOACTIVE MATERIAL.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., BNKNDAAQ*; BNKNDAAQ$$DAAW*)

ALL* (See Note Preceding MRC BNKN)

BNKP   G   NOMINAL ACTIVITY

Definition: THE NOMINAL AMOUNT OF ACTIVITY BY THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BNKPG500 COUNTS PER MINUTE*)

ALL* (See Note Preceding MRC BNKN)

ATZX   B   VOLUME CALIBRATION IN MILLILITERS

Definition: THE VOLUME CALIBRATION OF AN ITEM, EXPRESSED IN MILLILITERS.

Reply Instructions: Enter the numeric value. (e.g., ATZXB5.0*)

ALL* (See Note Preceding MRC BNKN)

BNKQ   J   RADIOACTIVE MAGNITUDE RATING

APP
Key   MRC   Mode Code   Requirements

Definition: AN INDICATION OF THE RADIOACTIVE MAGNITUDE REQUIRED FOR A GIVEN REACTION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNKQJHH2.18*)

Enter multiple replies in the same sequence as MRC BNKN. (e.g., BNKQJHH1.17$$JHH1.33*)

REPLY CODE	REPLY (AJ20)
HG	KILO ELECTRON VOLTS
HJ	MICROCURIES
HW	MILLICURRIE
HH	MILLION ELECTRON VOLTS

ALL* (See Note Preceding MRC BNKN)

BNKR   B   HALF-LIFE IN YEARS

Definition: THE PERIOD OF TIME IN WHICH THE ITEM FALLS TO HALF OF ITS ORIGINAL VALUE, EXPRESSED IN YEARS.

Reply Instructions: Enter the numeric value. (e.g., BNKRB10.0*)

ALL*

AESF   D   HOLDER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE HOLDER IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AESFDBR0000*; AESFDPC0000$DST0000*)

ALL*

AETG   D   HOLDER COLOR

Definition: THE HUE OR TINT OF THE HOLDER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AETGDLD0000*; AETGDBL0000$DBU0000*)

REPLY CODE	REPLY (AD06)

APP Key	MRC	Mode Code	Requirements
		BL0000	BLACK
		BU0000	BLUE
		CL0000	CLEAR
		GR0000	GREEN
		NA0000	NATURAL
		LD0000	OLIVE DRAB
		PU0000	PURPLE
		RE0000	RED

ALL*

AYPT　　　　D　　　　　WINDOW MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE WINDOW IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AYPTDALC000*; AYPTDGS0000$DPC0000*)

ALL*

ABHP　　　　J　　　　　OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA203.2*; ABHPJAB7.000$$JAC9.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV　　　　J　　　　　OVERALL DIAMETER

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA60.9*; ADAVJAB2.000$$JAC3.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK	J	OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA63.5*; ABMKJAB2.000$$JAC3.000*)

Table 1
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW	J	OVERALL HEIGHT

APP Key	MRC	Mode Code	Requirements

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA63.5*; ABKWJAB2.000$$JAC3.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABFY	J	OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA60.9*; ABFYJAB2.000$$JAC3.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			

NAME D ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index of Approved Item Names. (e.g., NAMED19248*)

ALL*

BNKS G DETERMINATION TYPE

Definition: INDICATES THE TYPE OF DETERMINATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the reply in clear text. (e.g., BNKSGPARTICLE SIZE FINER THAN APPROX 200 MESH AND GREATER THAN COLLOIDAL SIZE*)

Separate multiple replies with a semicolon. (e.g., BNKSG1.0 TO 9.2 MM DIA FOR NARROW PARTICLE SIZE DISTRIBUTION; 1.2 TO 27.7 MM DIA FOR WIDE PARTICLE SIZE DISTRIBUTION*)

ALL*

BNKT G ACCURACY RATING

Definition: AN INDICATION OF THE RATED ACCURACY OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BNKTGPERCENTAGE W OF THE DIFFERENT FRACTIONS DUPLICATE TO 0.5 PCT OF ACCURACY*)

GA*

AKYN G FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNGSOUNDPROOF CABINET 1*)

GA

APP Key	MRC	Mode Code	Requirements
	ACDC	D	CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

GA

ELEC   B   VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB12.0*)

Enter multiple voltages for the same type of current entering in ascending sequence, using AND coding ($$). If multiple voltages represent AC and DC current, use OR coding ($) entering the AC voltage(s) first. (e.g., ELECB105.0$$B125.0$B12.0*)

GA*

FREQ   B   FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB50.0*; FREQB50.0$B60.0*)

GA*

FAAZ   D   PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. Use AND/OR coding ($$/$) if needed. (e.g., FAAZDC; FAAZADA$$DB* FAAZADB$DC*)*

REPLY CODE	REPLY (AD02)

APP Key	MRC	Mode Code	Requirements
		A	SINGLE
		E	SINGLE/THREE
		C	THREE
		B	TWO

GB

BNKW   D   TESTED SOLUTION

Definition: AN INDICATION OF THE SOLUTION TESTED BY THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKWDCAF*)

REPLY CODE	REPLY (AK54)
CAF	ALKALINE TIN ELECTROPLATING
CAG	CHROMIUM
CAH	SILVER ELECTROPLATING

GB

AAXX   D   MOUNTING TYPE

Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAXXDNA*)

REPLY CODE	REPLY (AA78)
JN	CARRYING CASE
NA	WALL CABINET

SECTION: H

APP

Key	MRC	Mode Code	Requirements

ALL

NAME　　　D　　　　　ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index of Approved Item Names. (e.g., NAMED13502*)

ALL

AXGY　　　D　　　　　MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDARD*)

REPLY CODE	REPLY (AM39)
ANY	FLOOR
BEA	PORTABLE
ARD	TABLE

ALL

BNKX　　　D　　　　　SPRING TYPE FOR WHICH DESIGNED

Definition: INDICATES THE TYPE OF SPRING(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKXDCAJ*; BNKXDCAJ$$DCAK*; BNKXDCAJ$DCAK*)

REPLY CODE	REPLY (AK54)
CAJ	COMPRESSION
CAK	TENSION
CAL	TORSION

ALL

APQB　　　D　　　　　UNIT TYPE

94

APP
Key   MRC   Mode Code   Requirements

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQBDBEZ*)

REPLY CODE	REPLY (AK95)
AMQ	ELECTRONIC
ATJ	HYDRAULIC
BEY	MECHANICAL
BEZ	WEIGHING SCALE

ALL

BNKY   D   TORQUE INDICATING WRENCH USAGE
                           FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A TORQUE INDICATING WRENCH USAGE FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKYDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BNKZ: IF REPLY CODE B IS ENTERED FOR MRC BNKY, REPLY TO MRC BNKZ.

ALL* (See Note Above)

BNKZ   D   TORQUE INDICATING WRENCH

Definition: AN INDICATION OF WHETHER OR NOT A TORQUE INDICATING WRENCH IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNKZDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

95

APP Key	MRC	Mode Code	Requirements

ALL

APHE   D   OPERATION METHOD

Definition: THE MEANS USED TO OPERATE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APHEDCF*; APHEDAC$DCF*)

REPLY CODE	REPLY (AC58)
AC	ELECTRIC MOTOR
CF	MANUAL

NOTE FOR MRCS ANCY, ACDC, AND ELEC: IF REPLY CODE AC IS ENTERED FOR MRC APHE, REPLY TO THESE MRCS.

ALL* (See Note Above)

ANCY   B   HORSEPOWER RATING

Definition: AN INDICATION OF THE RATED HORSEPOWER OF THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., ANCYB1.0*)

ALL* (See Note Preceding MRC ANCY)

ACDC   D   CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

ALL* (See Note Preceding MRC ANCY)

ELEC   B   VOLTAGE IN VOLTS

96

APP
Key   MRC   Mode Code   Requirements

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the numeric value. (e.g., ELECB12.0*)

Enter multiple voltages for the same type current in ascending sequence using AND coding ($$). If multiple voltages represent AC and DC current, use OR coding ($), entering AC voltage(s) first. (e.g., ELECB110.0$$B120.0$B12.0*)

NOTE FOR MRCS FREQ AND FAAZ: IF REPLY CODE B IS ENTERED FOR MRC ACDC, REPLY TO MRCS FREQ AND FAAZ.

ALL* (See Note Above)

FREQ   B   FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB50.0*; FREQB50.0$$B60.0*)

ALL* (See Note Preceding MRC FREQ)

FAAZ   D   PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC*)

REPLY CODE	REPLY (AD02)
A	SINGLE
E	SINGLE/THREE
C	THREE
B	TWO

ALL*

BDML   D   CONTROL DEVICE TYPE

Definition: INDICATES THE TYPE OF CONTROL DEVICE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDMLDABJ*)

APP Key	MRC	Mode Code	Requirements

		REPLY CODE	REPLY (AM97)
		ABJ	AUTOMATIC STOP
		AAY	LIMIT SWITCH

ALL*

ATHC   D   LOAD RECEIVER TYPE

Definition: INDICATES THE TYPE OF LOAD RECEIVER PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATHCDAG*; ATHCDAD$$DAG*; ATHCDAD$DAG*)

REPLY CODE	REPLY (AM17)
BG	CHISEL HEAD
BH	CONE HEAD
BJ	FLAT HEAD
AD	HOOK
AZ	NONCONDUCTING LEATHER STRAP
BK	NOTCHED HEAD
BL	PEG
AG	PLATFORM
AJ	PUSH PULL
BA	PUSH ROD
BB	ROD
BC	SCREW
BD	SPRING CLIP

NOTE FOR MRCS ANSX, BBHK, AND BBHL: IF OTHER THAN REPLY CODE A IS ENTERED FOR MRC ATHC, REPLY TO THESE MRCS.

ALL* (See Note Above)

ANSX   D   MEASUREMENT UNIT

Definition: AN INDICATION OF THE UNIT OF MEASURE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANSXDAGT*; ANSXDAGW$$DAGX*; ANSXDAGW$DAGX*)

REPLY CODE	REPLY (AK09)
AGW	GRAM

98

APP Key	MRC	Mode Code	Requirements
		AGT	GRAM-CENTIMETER
		ADQ	INCH
		AGX	OUNCE
		AFF	POUND

ALL* (See Note Preceding MRC ANSX)

BBHK   G   SCALE RANGE

Definition: AN INDICATION OF THE SCALE(S) RANGE.

Reply Instructions: Enter the reply in clear text. (e.g., BBHKG1/2 OZ TO 175 LB*)

Separate multiple replies with a semicolon. (e.g., BBHKG0 TO 1020 GM; 0 TO 36 OZ*)

ALL* (See Note Preceding MRC ANSX)

BBHL   G   SCALE SMALLEST INCREMENT GRADUATION

Definition: THE SMALLEST GRADUATION VALUE(S) BETWEEN THE MARKINGS ON A SCALE.

Reply Instructions: Enter the reply in clear text. (e.g., BBHLG1/2 OZ SMALLEST INCREMENT*)

Separate multiple replies with a semicolon. (e.g., BBHLG1/2 OZ SMALLEST INCREMENT; 10 GM SMALLEST INCREMENT*)

ALL

BNLB   D   SPRING TRAVEL GAGE

Definition: AN INDICATION OF WHETHER OR NOT A SPRING TRAVEL GAGE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNLBDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

99

APP Key	MRC	Mode Code	Requirements
	AMNK	G	SCALE CALIBRATION

Definition: AN INDICATION OF THE MANNER IN WHICH THE SCALE IS CALIBRATED.

Reply Instructions: Enter the reply in clear text. (e.g., AMNKG0 TO 360 DEG ANGULAR DEFLECTION*)

ALL*

| | BNLC | J | SPRING MAXIMUM OUTSIDE DIAMETER ACCOMMODATED |

Definition: THE MAXIMUM LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE ACCOMMODATION FOR THE SPRING, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNLCJA2.500*; BNLCJL63.5*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL*

| | BNLD | J | SPRING MAXIMUM OVERALL FREE LENGTH ACCOMMODATED |

Definition: THE MAXIMUM FREE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE SPRING THE ITEM IS DESIGNED TO ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNLDJA7.000*; BNLDJL177.8*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

SECTION: STANDARD
APP

Key	MRC	Mode Code	Requirements

ALL*

FEAT   G   SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST   J   TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

101

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL   G   SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK   J   SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE   REPLY (AN62)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT   J   NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW   G   DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements

ALL*

ZZZX   G   DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

ZZZY   G   REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL   A   CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

ELRN   G   EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD   D   EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)

105

APP Key	MRC	Mode Code	Requirements
		A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP

Key	MRC	Mode Code	Requirements

ALL

AFJK   J   CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*; AFJKJC9.0*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
F	CUBIC FEET
B	CUBIC INCHES
E	CUBIC METERS

ALL

SUPP   G   SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

FCLS   A   FUNCTIONAL CLASSIFICATION

Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATEGORY OF FUNCTIONS PERFORMED.

Reply Instructions: Enter the reply from the applicable document.

(e.g., FCLSAHH-1.5*)

ALL

APP Key	MRC	Mode Code	Requirements
	FTLD	G	FUNCTIONAL DESCRIPTION

Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.

Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*)

ALL

	TMDN	A	TYPE/MODEL DESIGNATION

Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.

Reply Instructions: Enter the appropriate designation data.

(e.g., TMDNAMSV-615/M*)

ALL

	RTSE	G	RELATIONSHIP TO SIMILAR EQUIPMENT

Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.

Reply Instructions: Enter concise statement for similar item including name and identifying data.

(e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58*)

ALL

	RDAL	G	REFERENCE DATA AND LITERATURE

Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.

Reply Instructions: Enter data appropriate and in a concise manner to identify informational references covering the item.

(e.g., RDALGNAAVAIROIA/VFK58 A-2.2.9*)

ALL

APP Key	MRC	Mode Code	Requirements
	NTRD	A	ENTRY DATE

Definition: INDICATE THE DATE THE ITEM WAS ENTERED INTO MIL-HDBK-300.

Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year, month, and day.

(e.g., NTRDA80-05-28*)

ALL

	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81A37-30624A*)

ALL

	ZZZV	G	FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGTEST SET, SOIL*)

ALL

	AGAV	G	END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

APP Key	MRC	Mode Code	Requirements
ALL			
	HZRD	D	HAZARDOUS SUBSTANCES

Definition: THE SUBSTANCES AND/OR MATERIALS CONTAINED IN THE ITEM THAT HAVE BEEN IDENTIFIED AS HAZARDOUS OR ENVIRONMENTALLY DAMAGING BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AUTHORIZED GOVERNMENT AGENCY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HZRDDHAZ012*; HZRDDHAZ012$$DHAZ057*)

REPLY CODE	REPLY (HZ00)
HAZ012	COPPER
HAZ057	RADIUM 226

Reply Tables

Table 1 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
BR0000	BRASS
BN0000	BRONZE
CU0000	COPPER
CUAAC0	COPPER MESH
GS0000	GLASS
FEA000	IRON, CAST
PBQ000	LEAD FOIL
AY0000	MICA
NC0000	NICKEL COPPER ALLOY
PC0000	PLASTIC
PC0869	PLASTIC, ACRYLIC, MIL-M-500A, TYPE 1, CLASS 2
ST0000	STEEL
STB000	STEEL, CORROSION RESISTING
ST0597	STEEL, GALVANIZED
STAAAN	STEEL, LEADED
STD000	STEEL, STAINLESS

Table 2 - RADIOACTIVE MATERIALS

RADIOACTIVE MATERIALS

REPLY CODE	REPLY (AN41)
AAB	BARIUM 133
AAC	BISMUTH 210
AAD	CARBON 14
AAE	CESIUM 137
AAF	COBALT 60
AAG	KRYPTON 85
AAH	PROTACTINIUM 234
AAJ	PU 239
AAK	RADIOLEAD PB 210
AAL	RADIUM
AAM	RADIUM FOIL
AAN	RADIUM 226
AAP	SIMULATED IODINE 131
AAQ	STRONTIUM 90
AAR	THORIUM 230
AAT	URANIUM OXIDE
AAS	URANIUM 238
AAW	YTTRIUM 90

Table 3 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD

REPLY CODE	REPLY (AD08)
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	-----	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective May 7, 2010

This change replaced with ISAC or and/or coding.